

Fig. 1

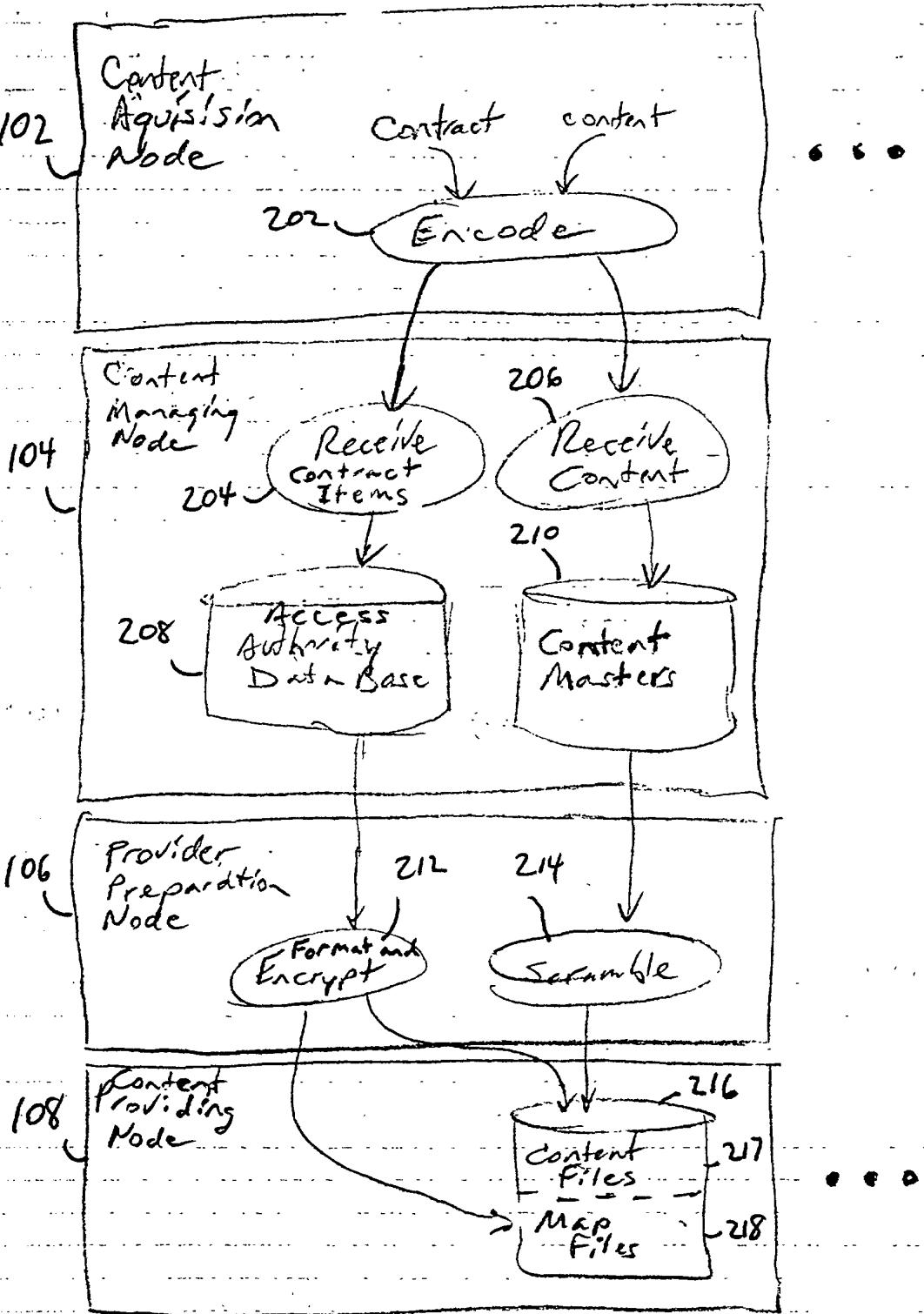


Fig. 2

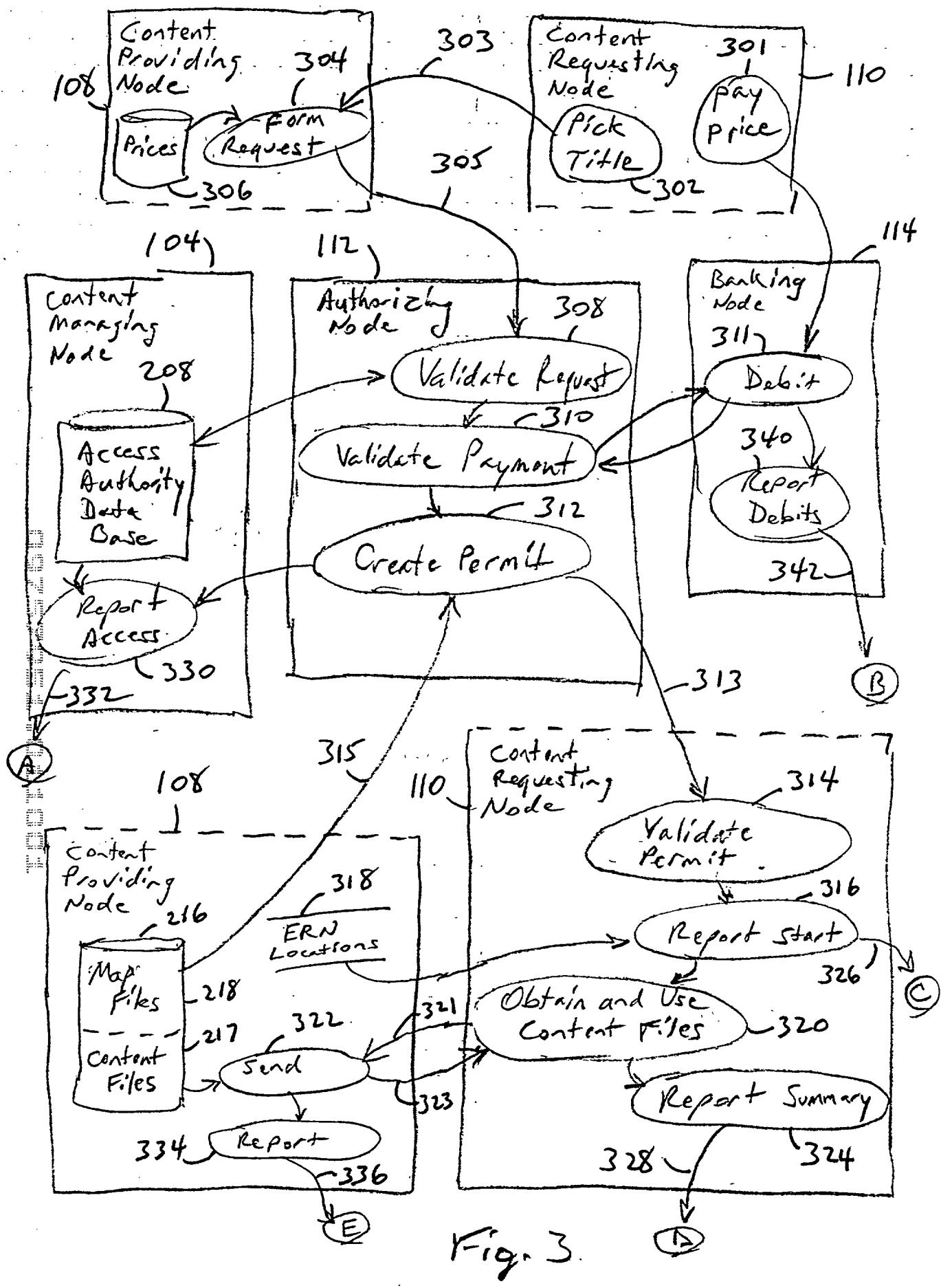


Fig. 3.

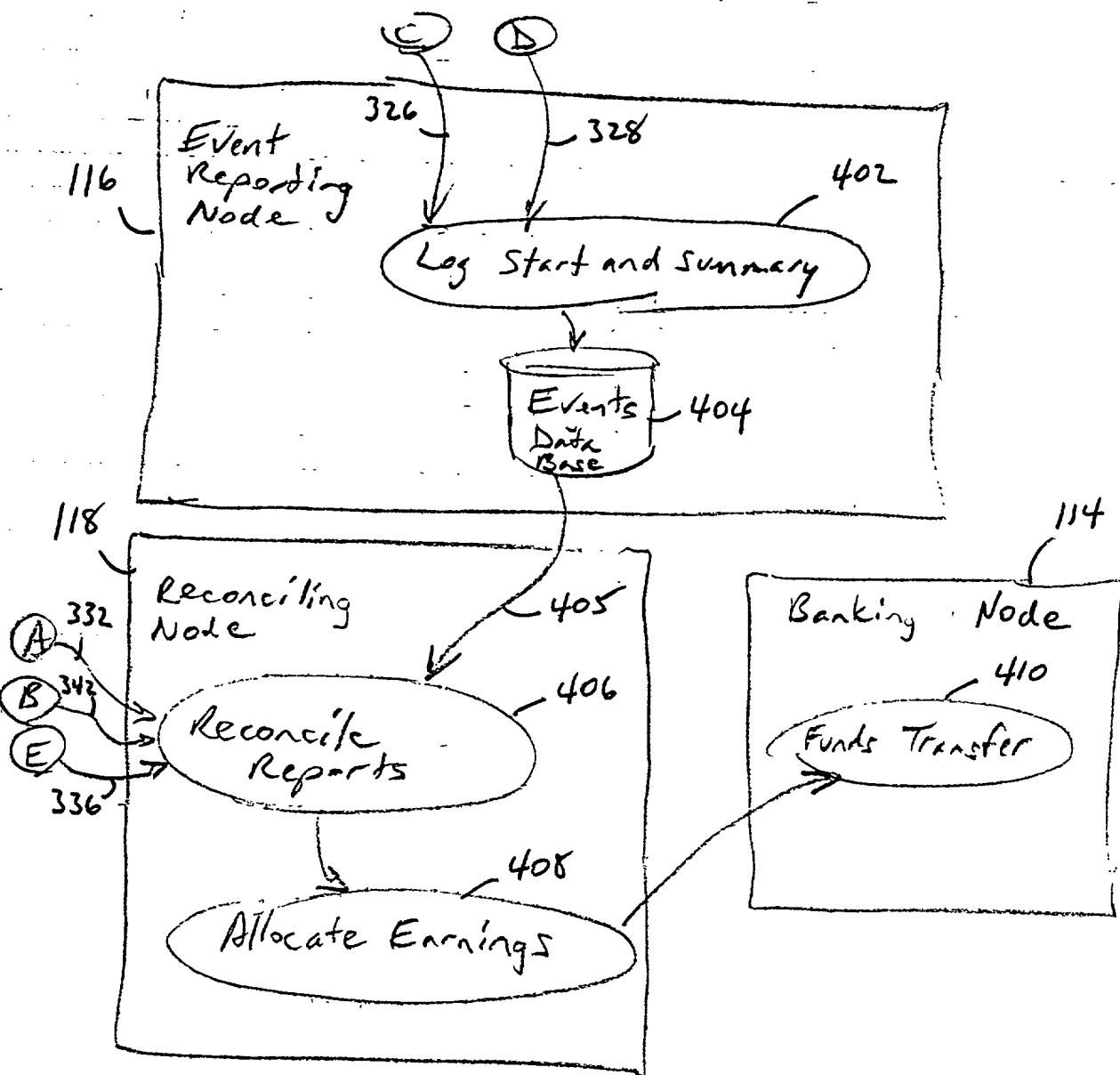


Fig. 4

	Report					Reconciliation Result
	A	B	C	D	E	
504	Y	Y	Y	Y	Y	Normal request/payment
506	Y	Y	N	N	X	Failed CRN
508	N	N	Y	X	X	Failed CRN
510	N	N	X	Y	X	Failed CRN

Y = Yes

N = No

X = Don't Care

Fig. 5

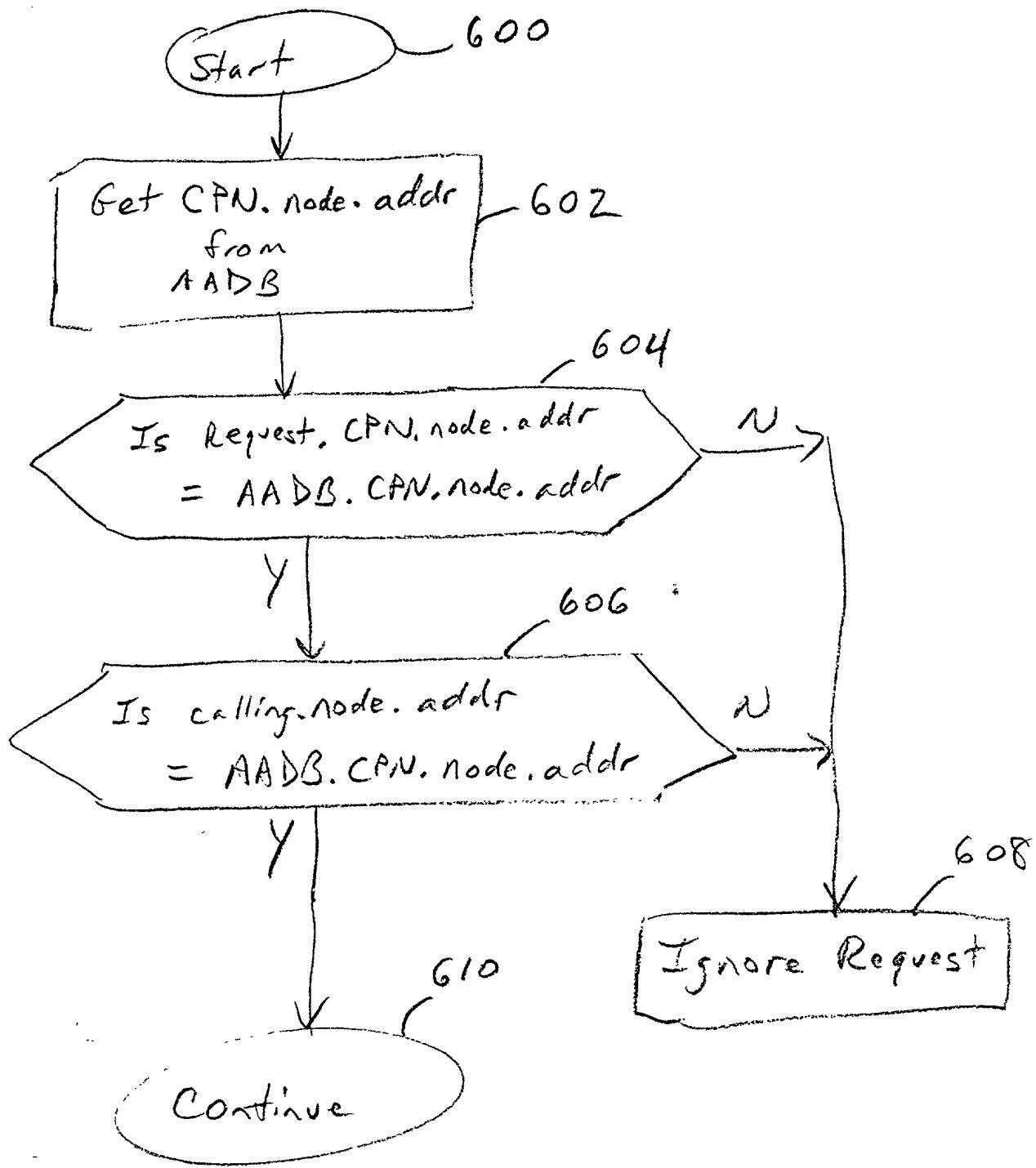


Fig. 6

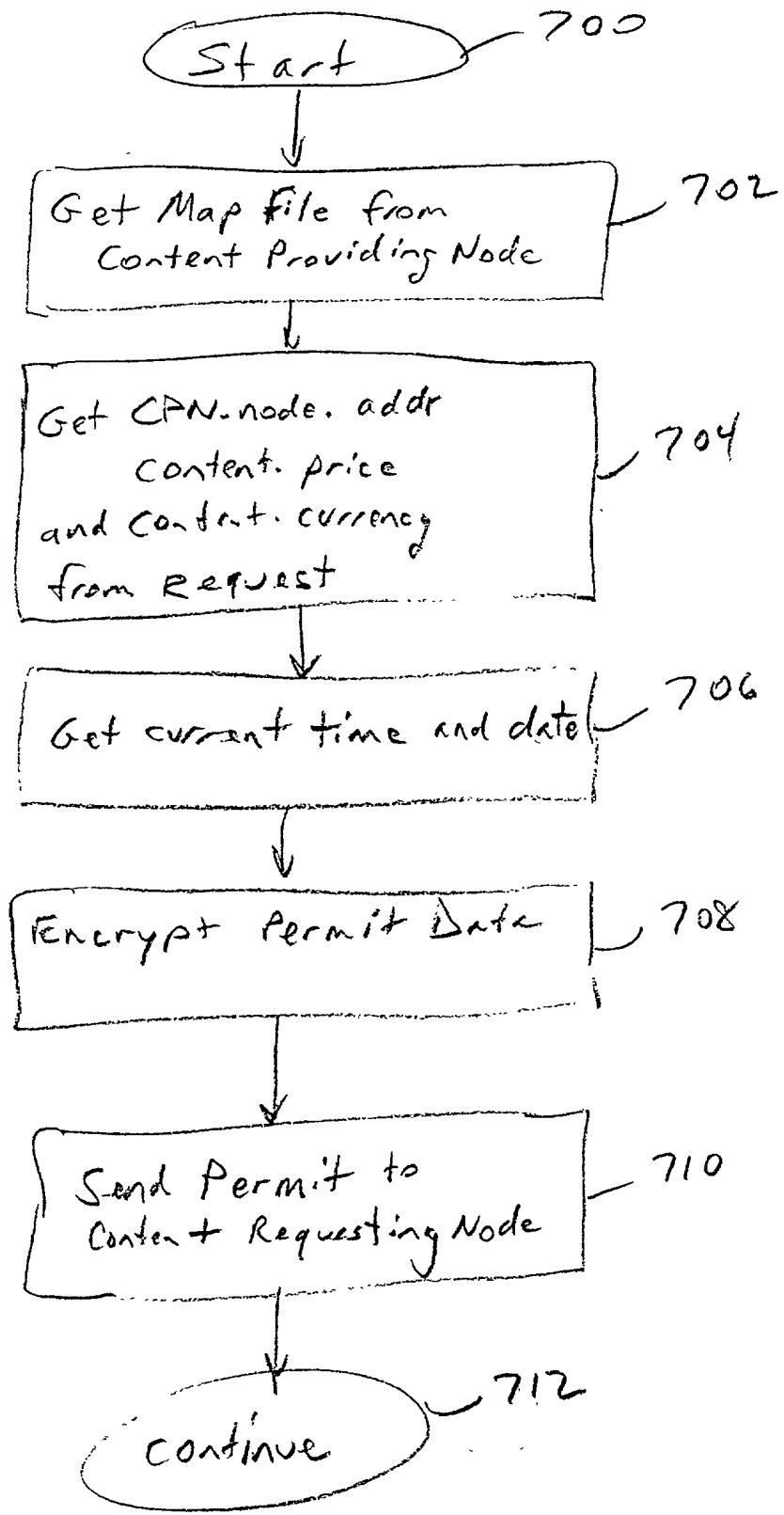


Fig. 7

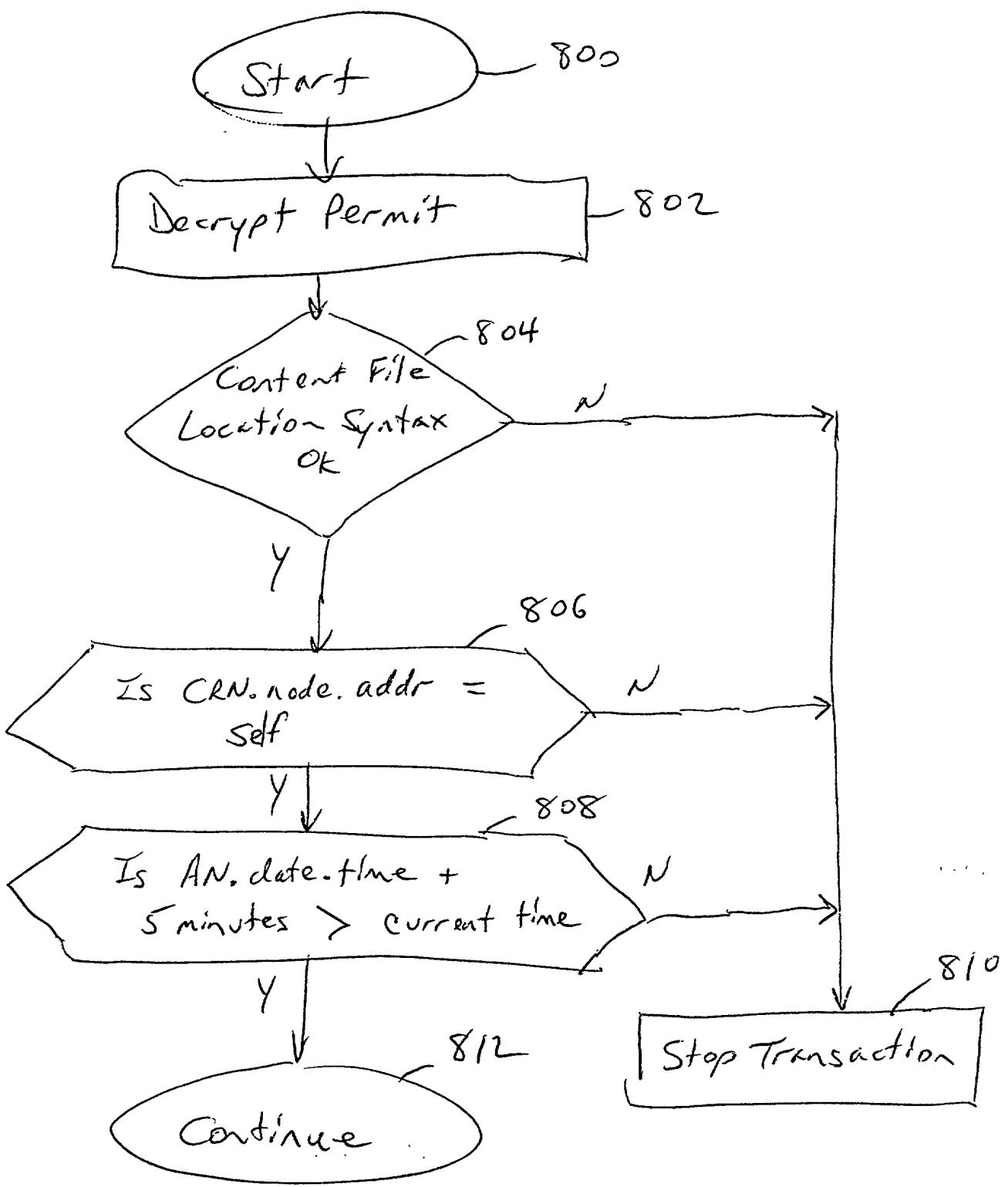


Fig-8

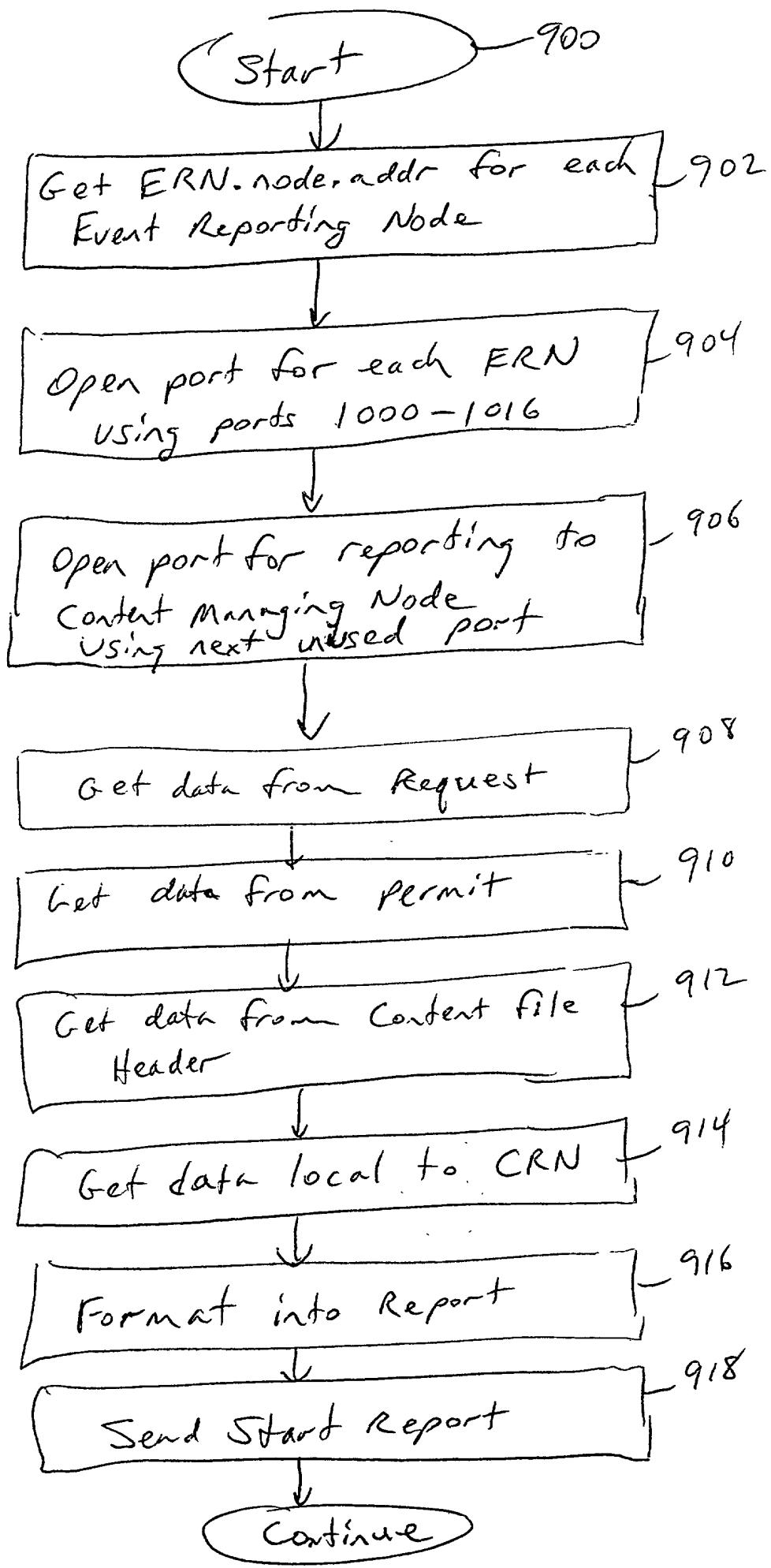


Fig. 9

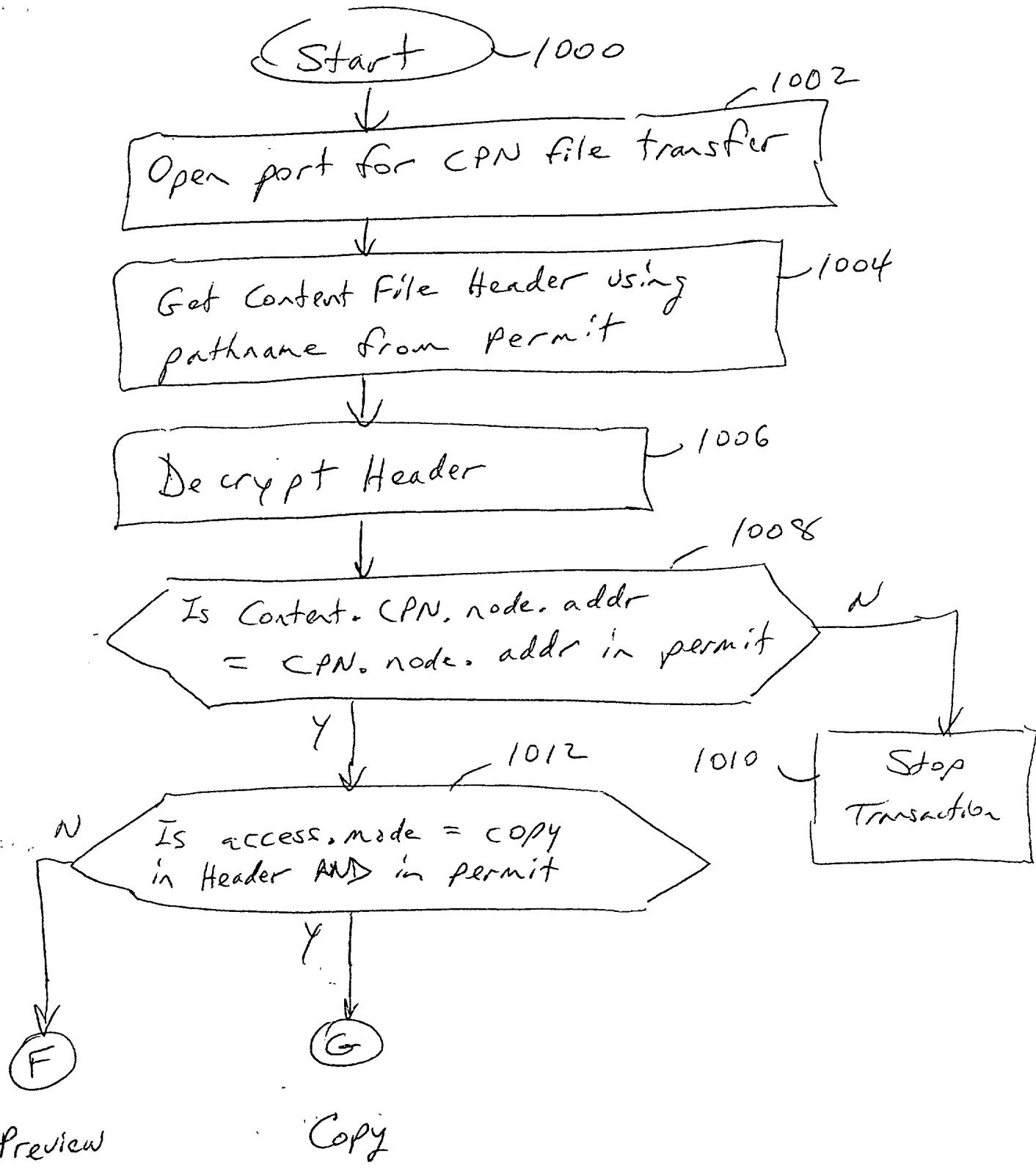


Fig. 10

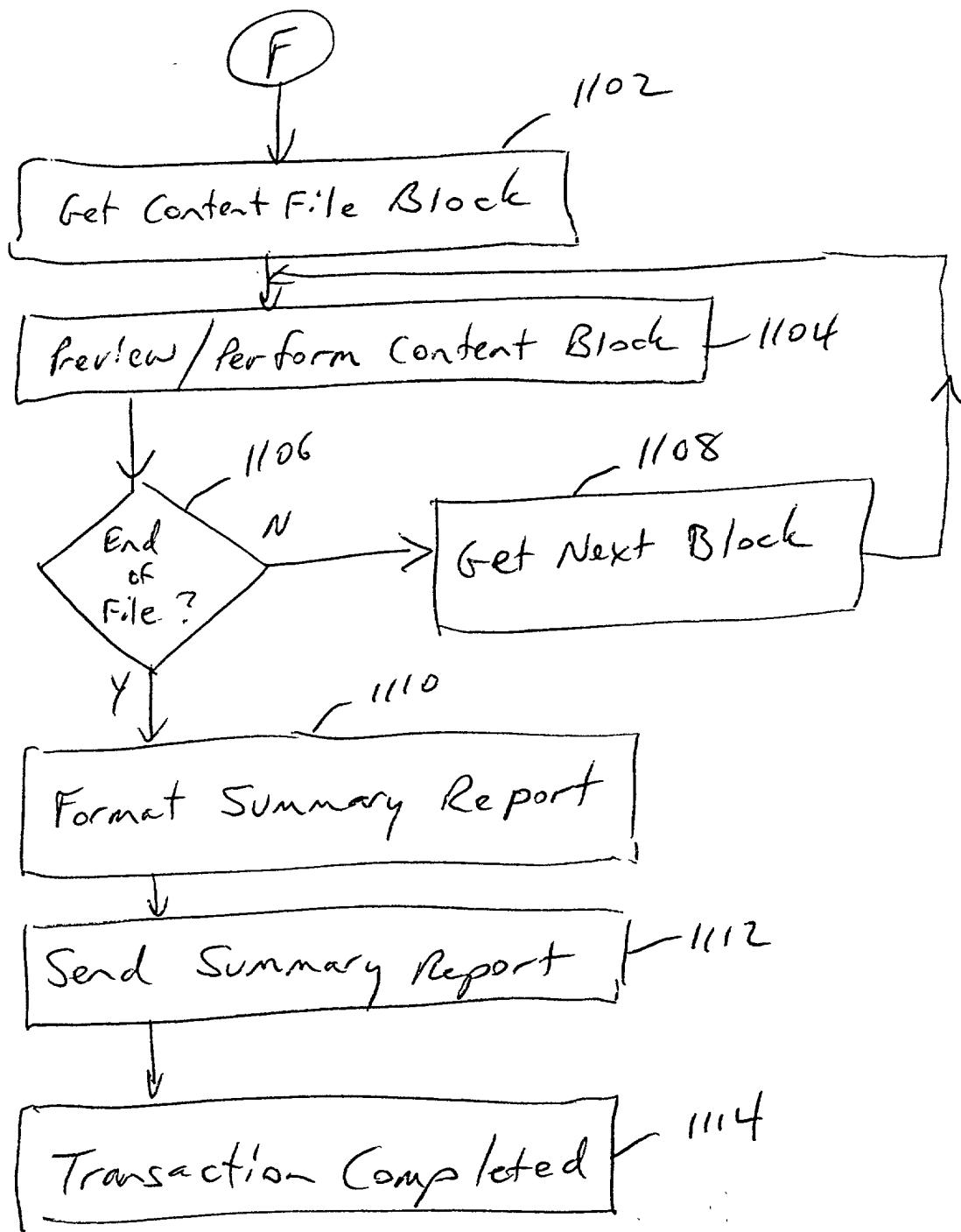


Fig. 11

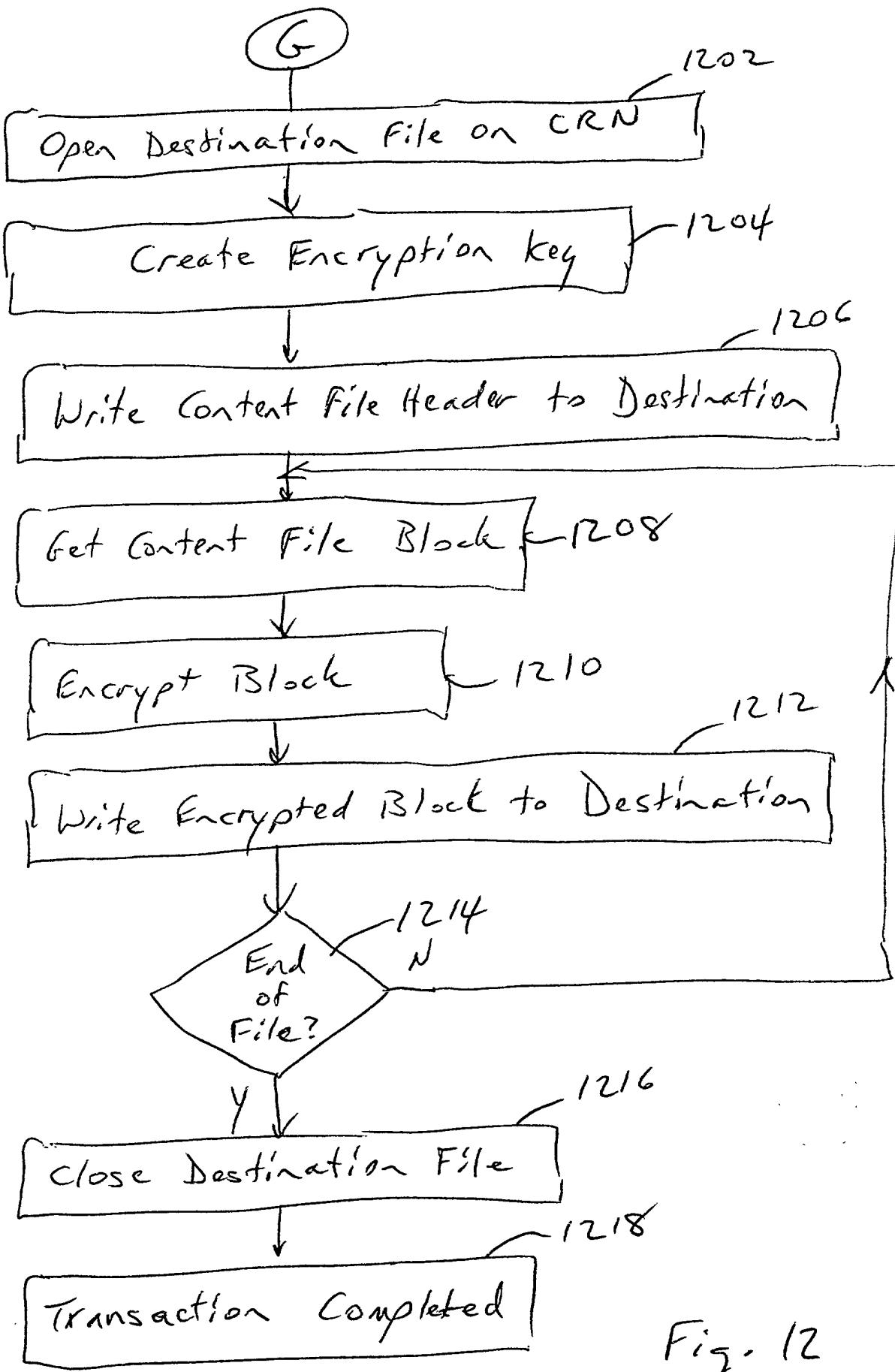
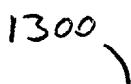


Fig. 12

1300



MAP FILE
map.content.version
map.CPN.node.address.pathname.quality.level 1
map.CPN.node.address.pathname.quality.level 2
map.CPN.node.address.pathname.quality.level 3
...
map.CPN.node.address.pathname.quality.level N

Fig. 13

1400

CONTENT FILE HEADER
content.version
content.title
content.artist
content.copyright
content.date.recording
content.size
content.listen.begin
content.listen.duration
content.ID.code.type
content.ID.code.number
content.watermark.tech
content.legal.duration
content.file.number
content.usage.counter
content.CPN.node.address
content.generation.number
content.date.start.validity
content.date.stop.validity
content.encrypt.tech
content.encrypt.key
content.listen.price
content.listen.currency
content.copy.price
content.copy.currency
content.home.copy.price
content.home.copy.currency

Fig. 14

1500

REQUEST
request.map.pathname
request.access.mode
request.sound.quality
request.content.price
request.content.currency
request.CRN.node.address
request.CRN.username
request.CRN.password
request.CPN.node.address
request.CPN.product.name
request.CPN.product.number
request.CRN.node.address.transaction.number

Fig. 15

1600

PERMIT
map.content.version
map.CPN.node.address.pathname.quality level 1
map.CPN.node.address.pathname.quality level 2
map.CPN.node.address.pathname.quality level 3
...
map.node.address.pathname.quality level N
request.content.price
request.content.currency
permit.CPN.node.address
permit.AN.date.time

Fig. 16

1700)

START REPORT
request.CRN.node.address.transaction.number
request.CRN.node.address
request.CRN.username
request.CRN.password
request.access.mode
start.report.date.time
content.title
content.artist
content.copyright
content.legal.duration
content.ID.code.type
content.ID.code.number
content.CPN.node.address
content.file.number
start.report.CRN.encrypt.key
request.content.price
request.content.currency
request.sound.quality
permit.map.CPN.node.address.pathname.quality.level[x]
start.report.CRN.timezone
start.report.CRN.language
start.report.CRN.keyboard

Fig. 17

1800

SUMMARY REPORT
request.CRN.node.address.transaction.number
request.CRN.node.address
request.CRN.username
request.CRN.password
content.ID.code.type
content.ID.code.number

Fig. 18

1900

ACCESS REPORT
content.title
content.artist
content.copyright
content.legal.duration
content.ID.code.type
content.ID.code.number
content.CPN.node.address
content.file.number
access.territory.rightowners
content.price
content.currency
request.CRN.node.address.transaction.number

Fig. 19

2000

DEBIT REPORT
content.ID.code.type
content.ID.code.number
content.CPN.node.address
request.CPN.product.name
request.CPN.product.number
debit.date.time
request.CRN.username
request.CRN.password
request.content.price
request.content.currency
request.CRN.node.address.transaction.number

Fig. 20

100
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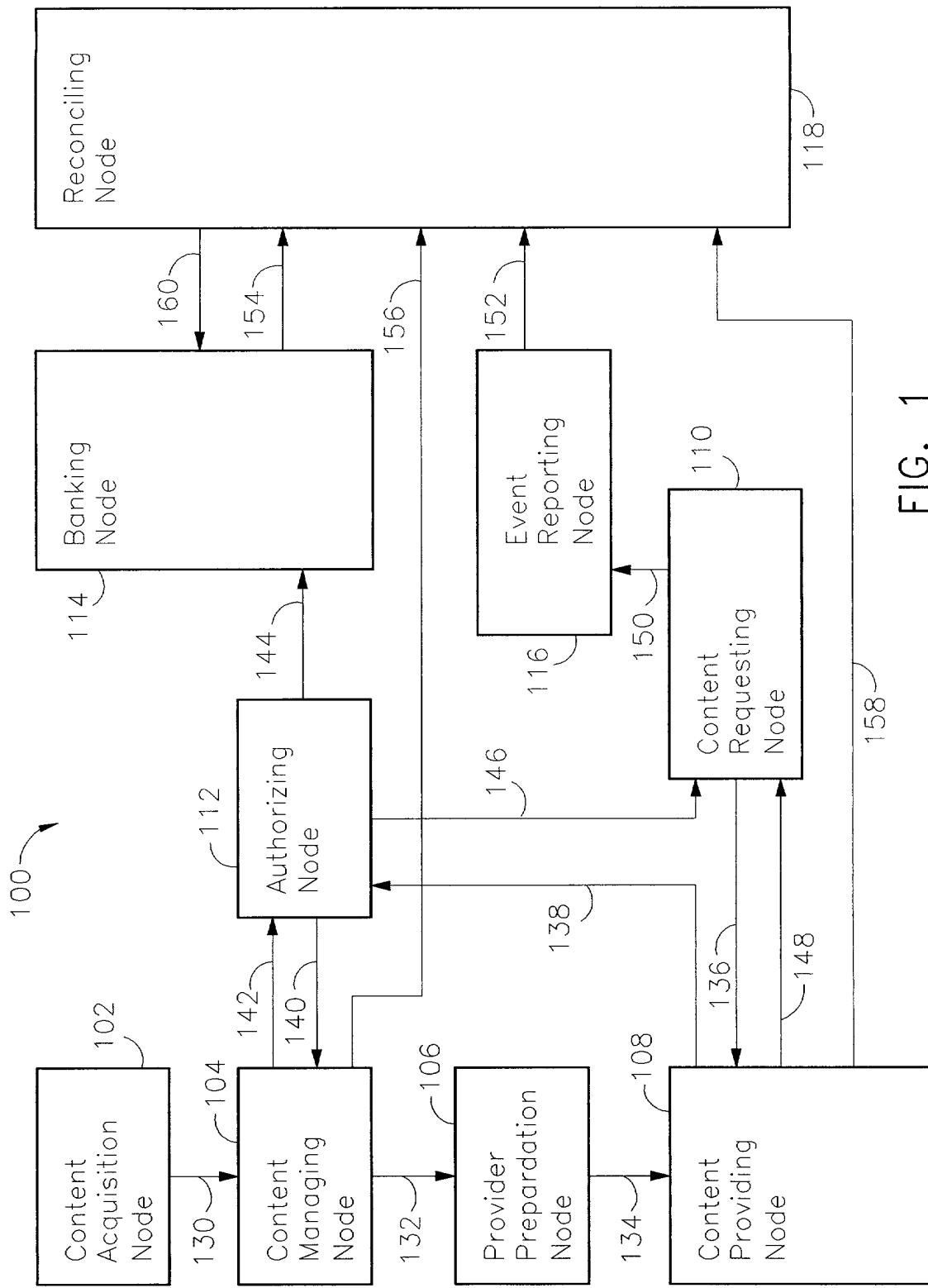


FIG. 1

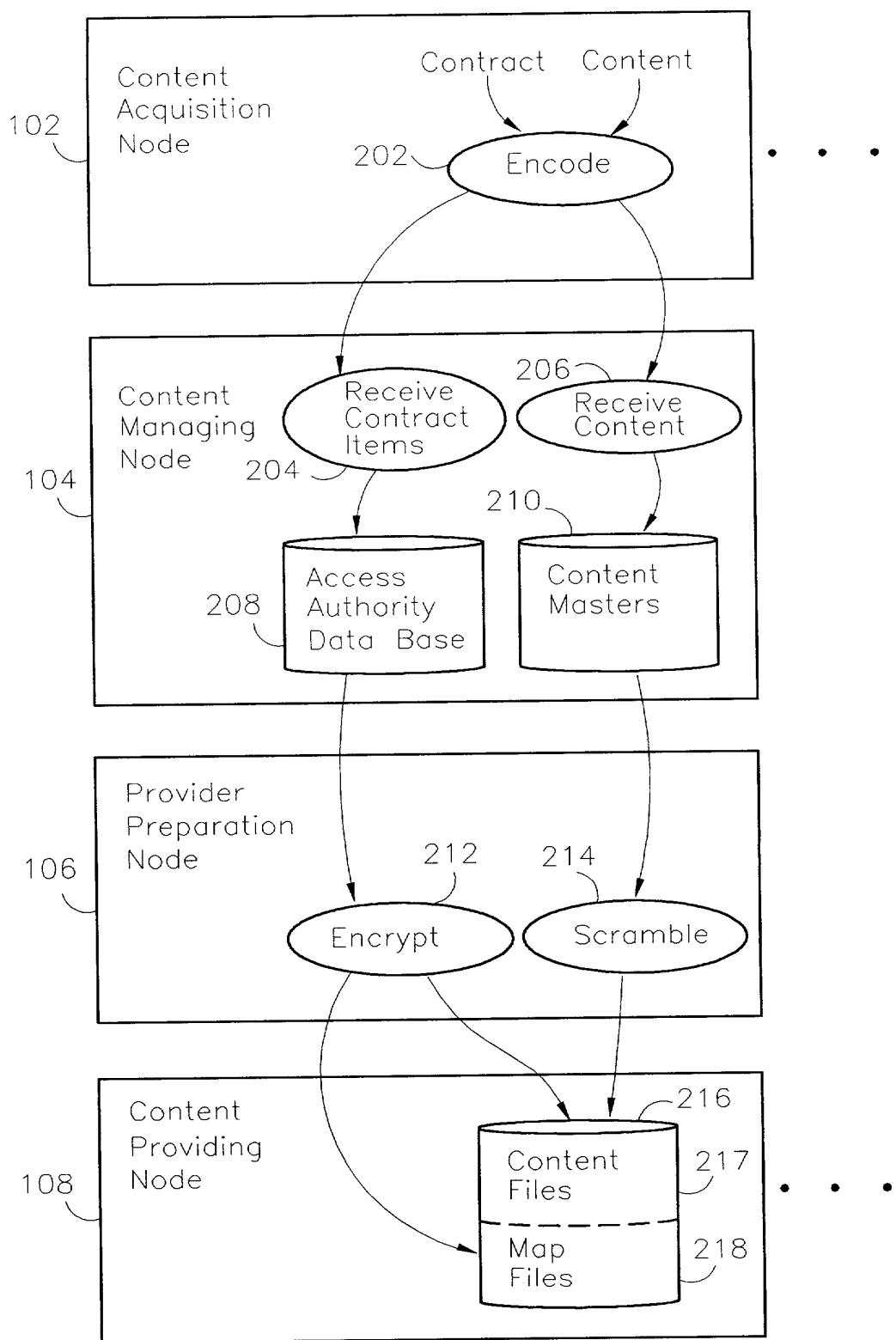


FIG. 2

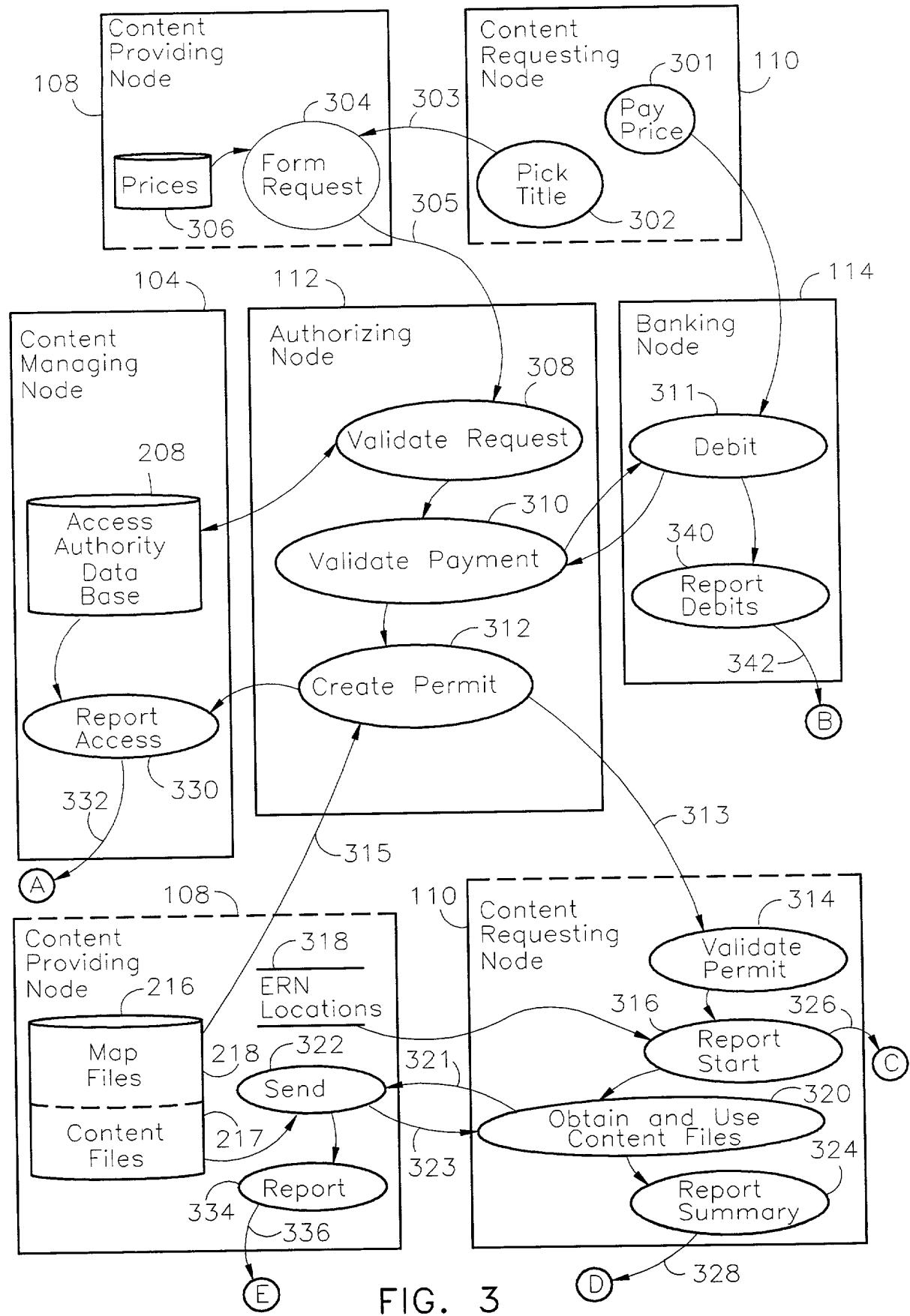


FIG. 3

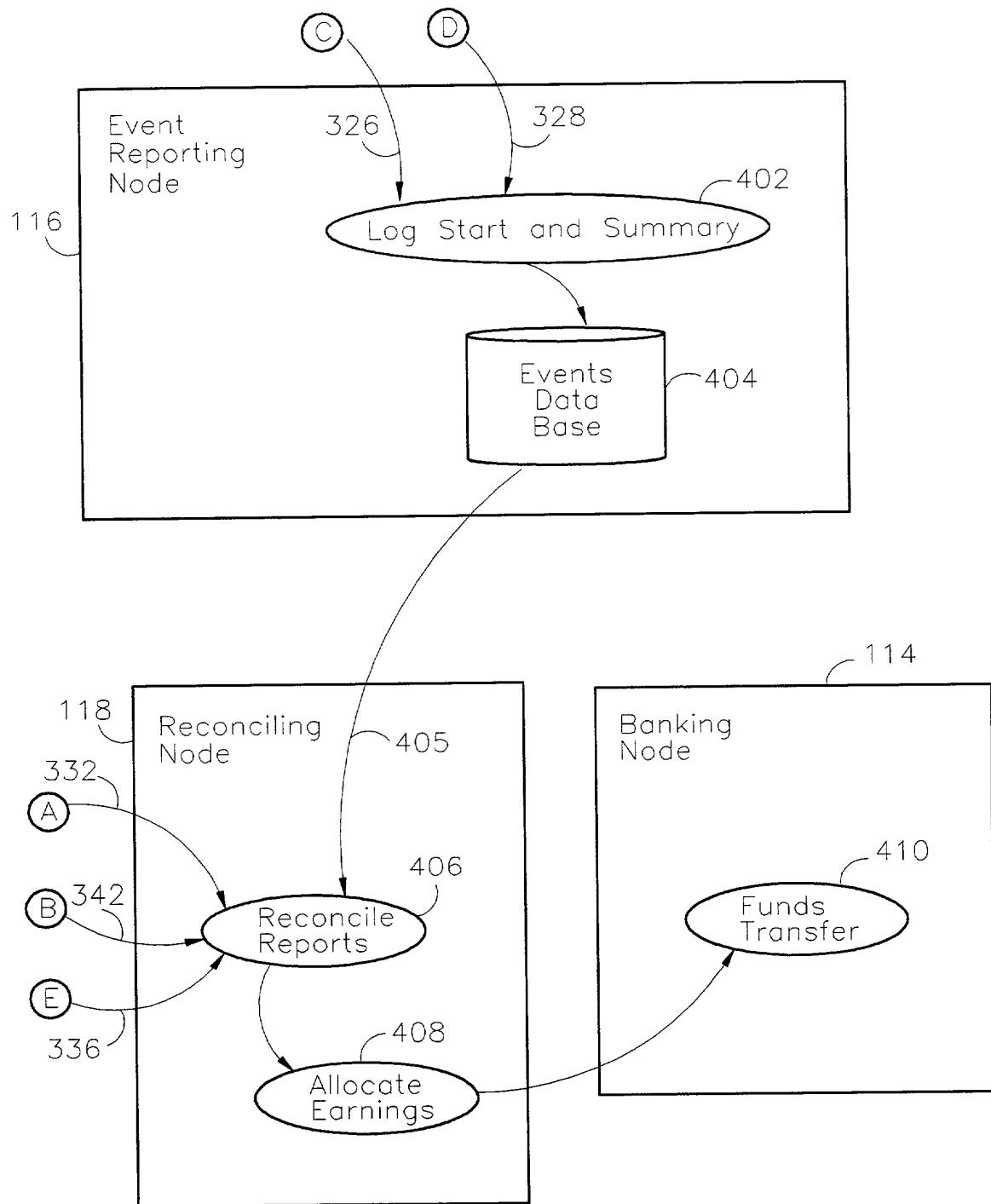


FIG. 4

502

Report					Reconciliation Result
A	B	C	D	E	
Y	Y	Y	Y	Y	Normal request/payment
Y	Y	N	N	X	Failed CRN
N	N	Y	X	X	Failed CRN
N	N	X	Y	X	Failed CRN

Y = Yes

N = No

X = Don't Care

FIG. 5

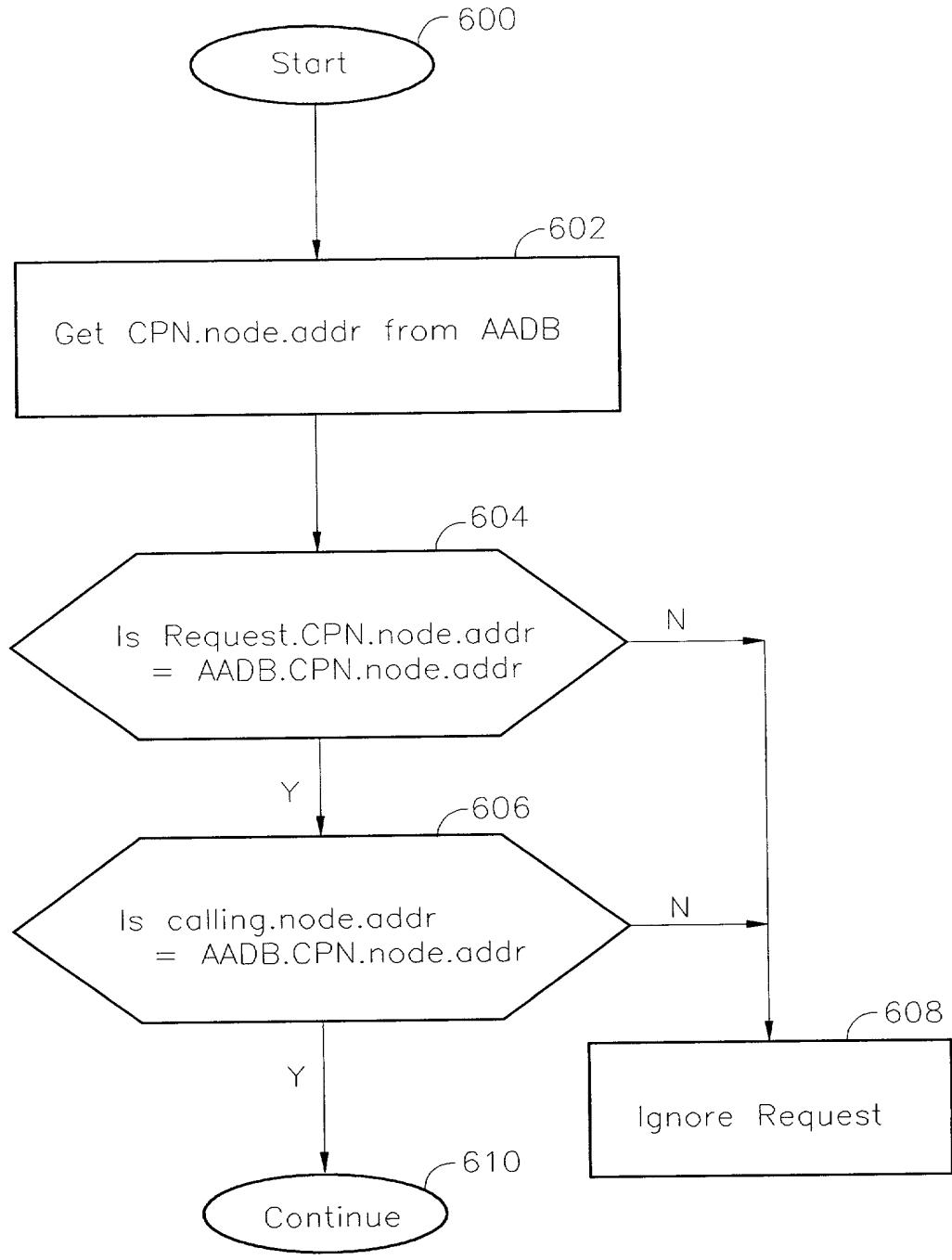


FIG. 6

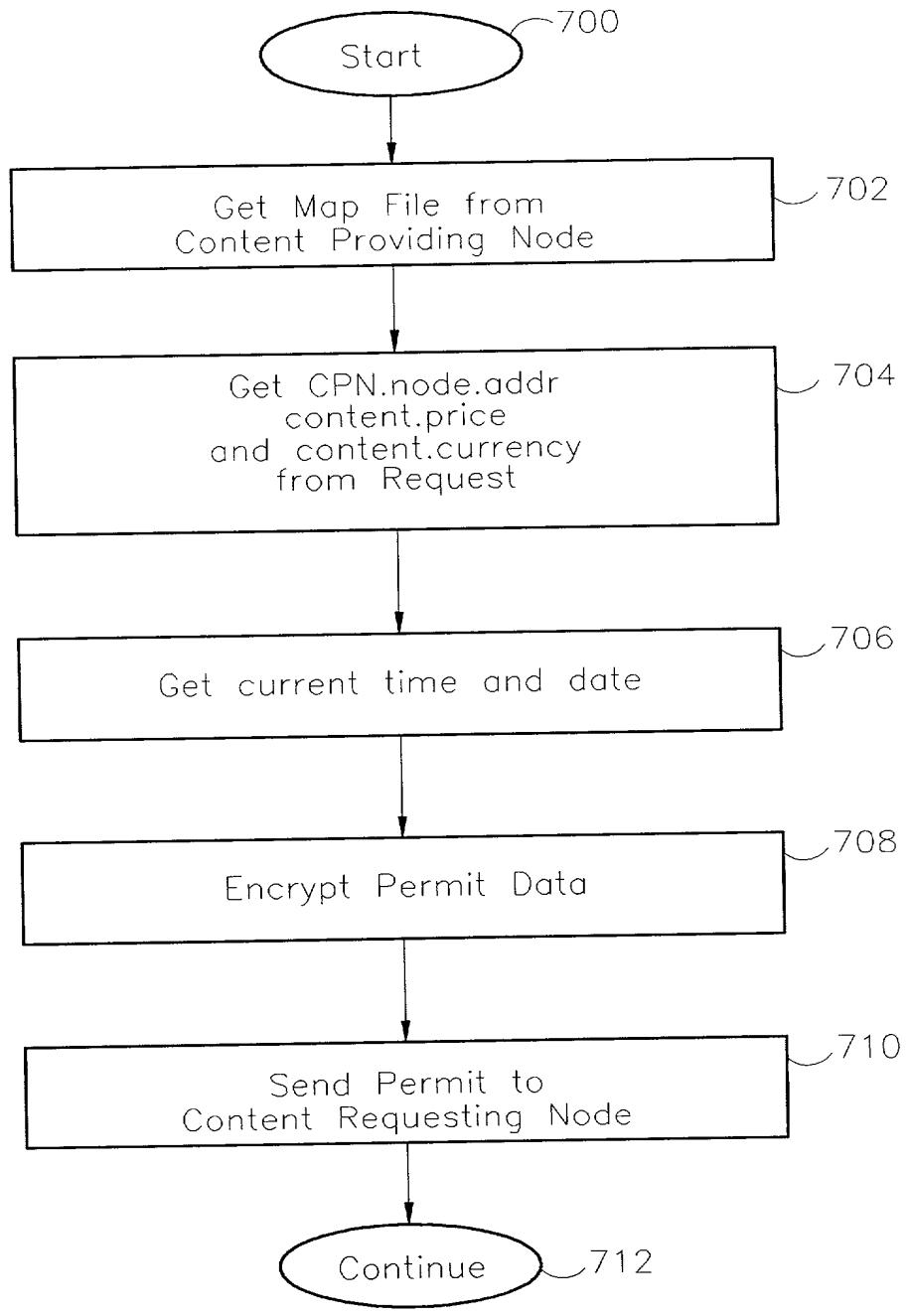


FIG. 7

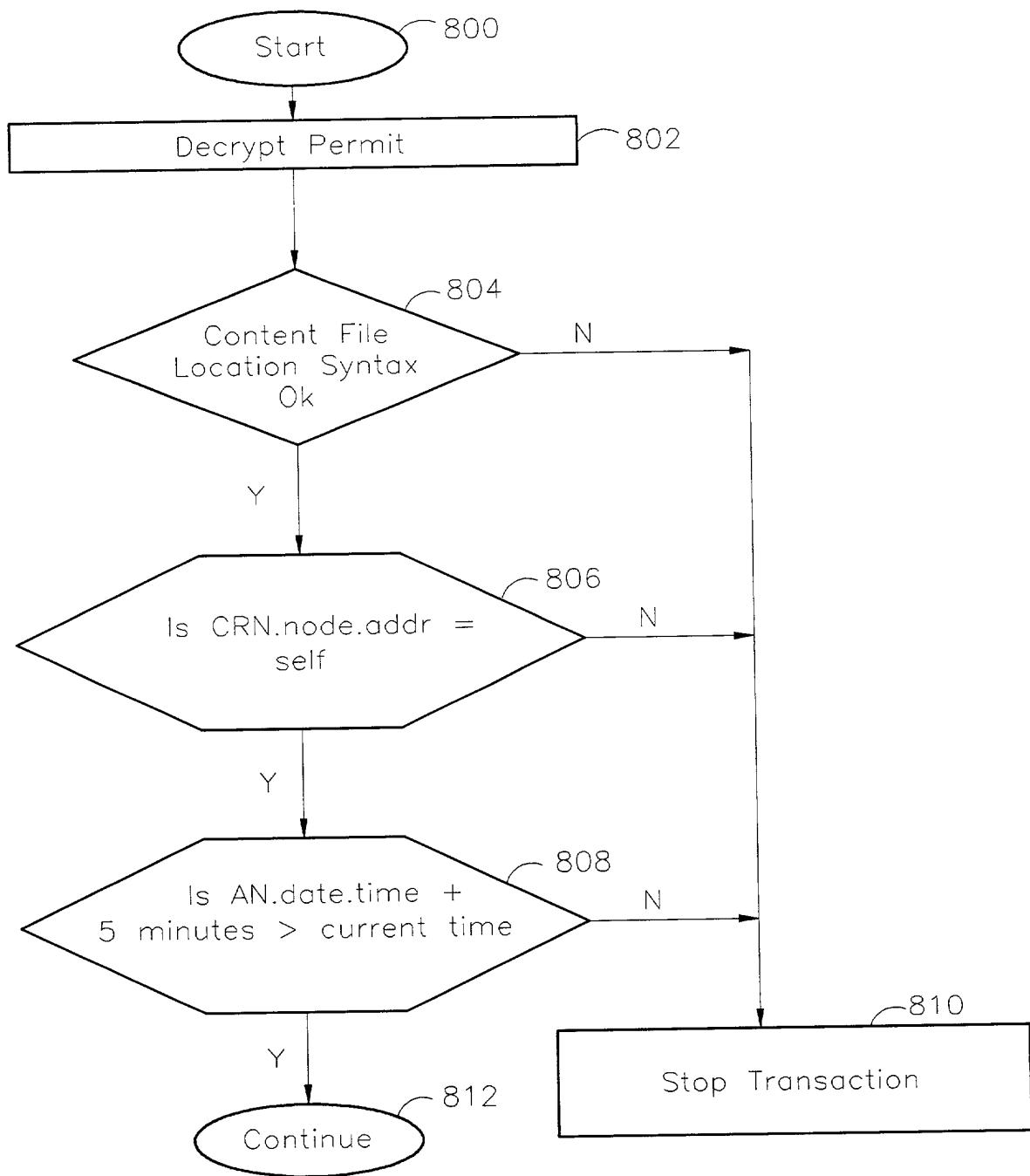


FIG. 8

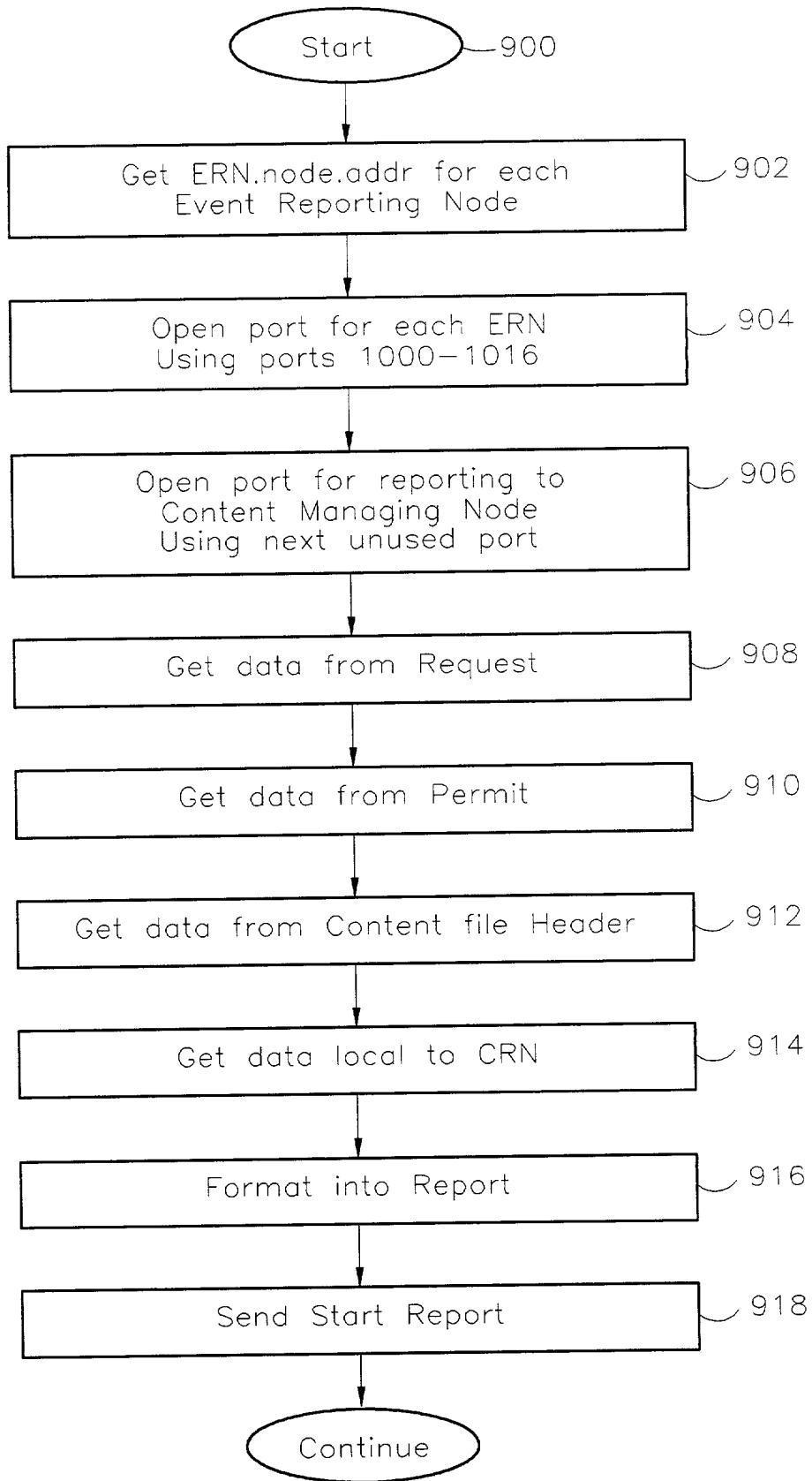


FIG. 9

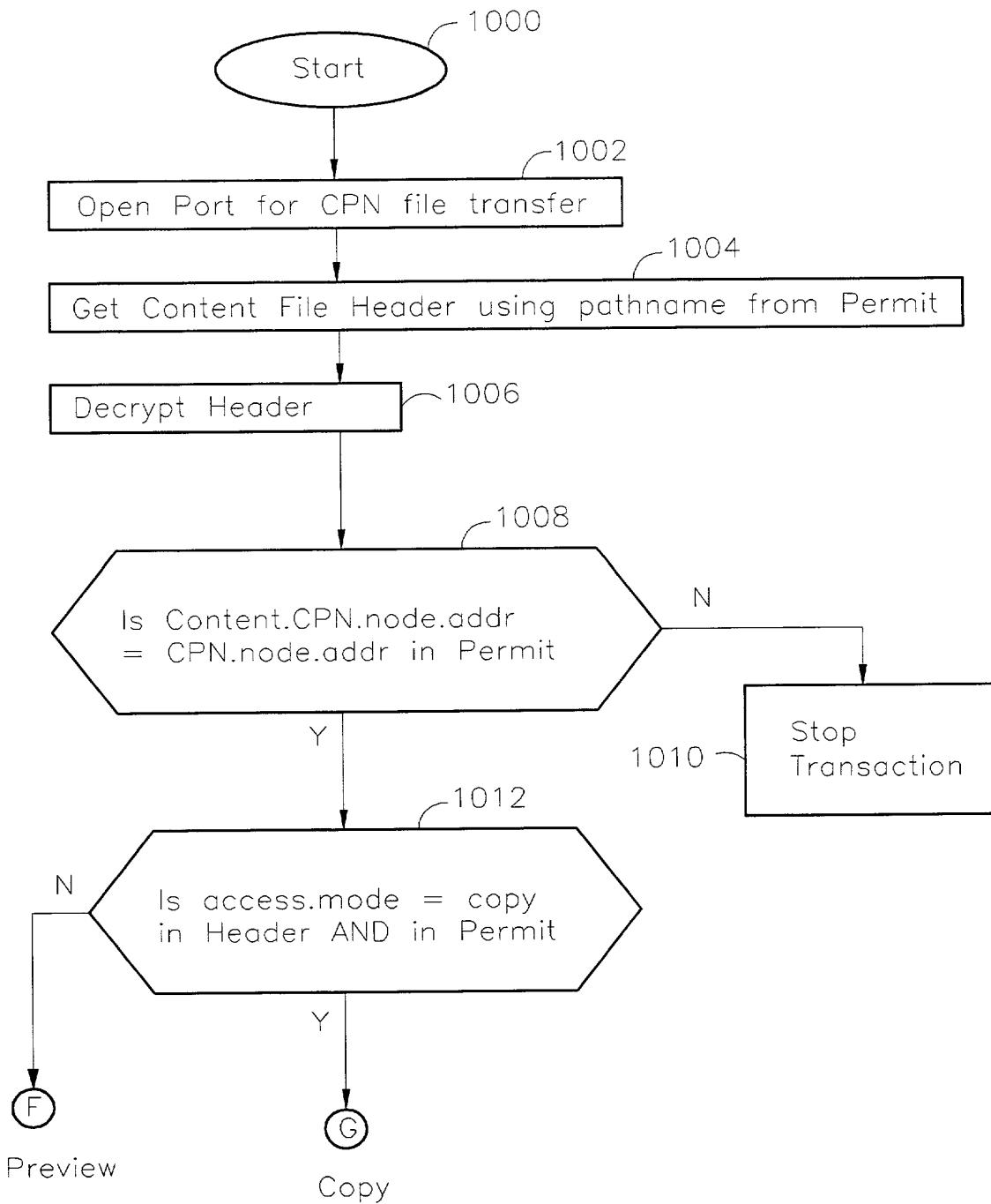


FIG. 10

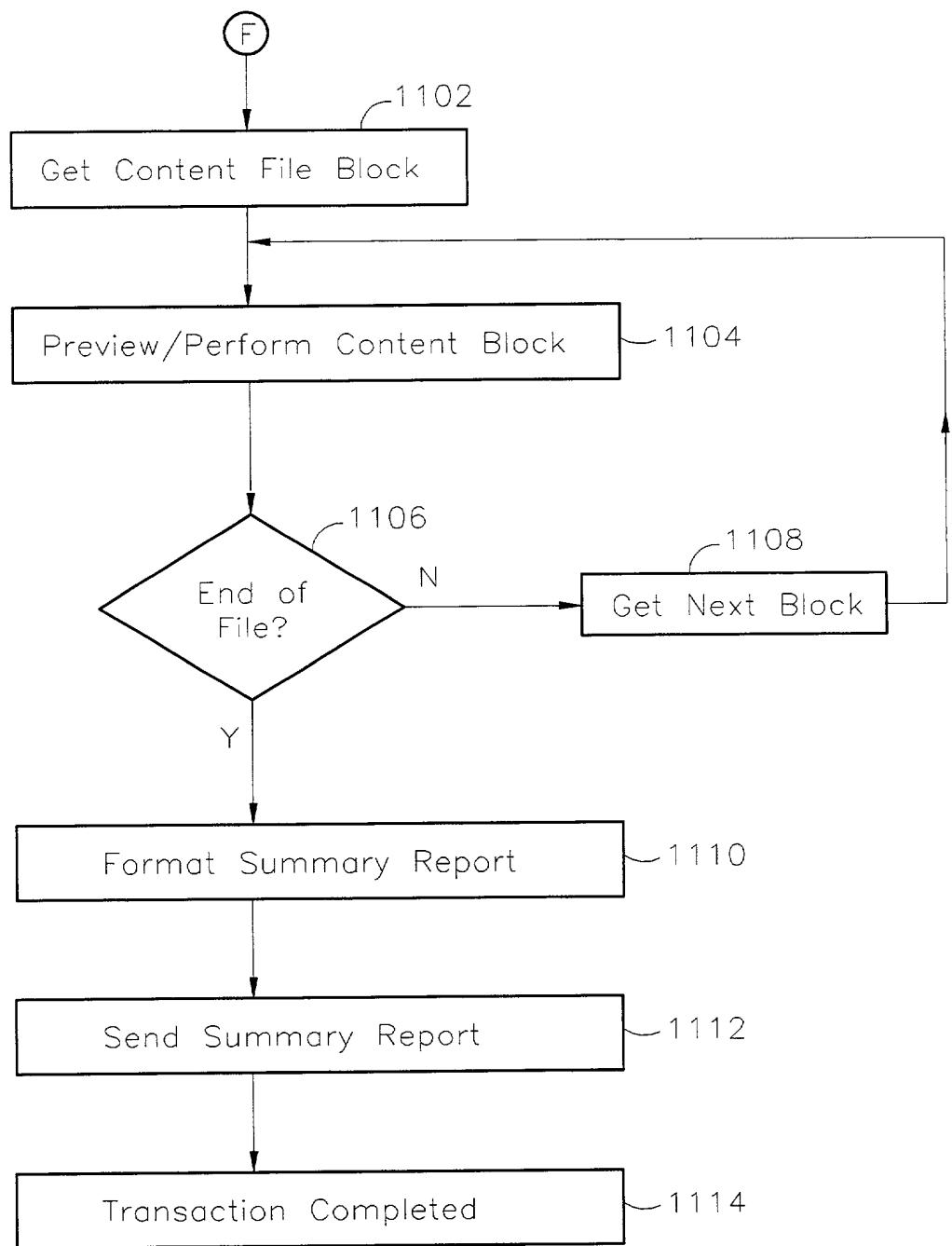


FIG. 11

1202
1204
1206
1208
1210
1212
1214
1216
1218

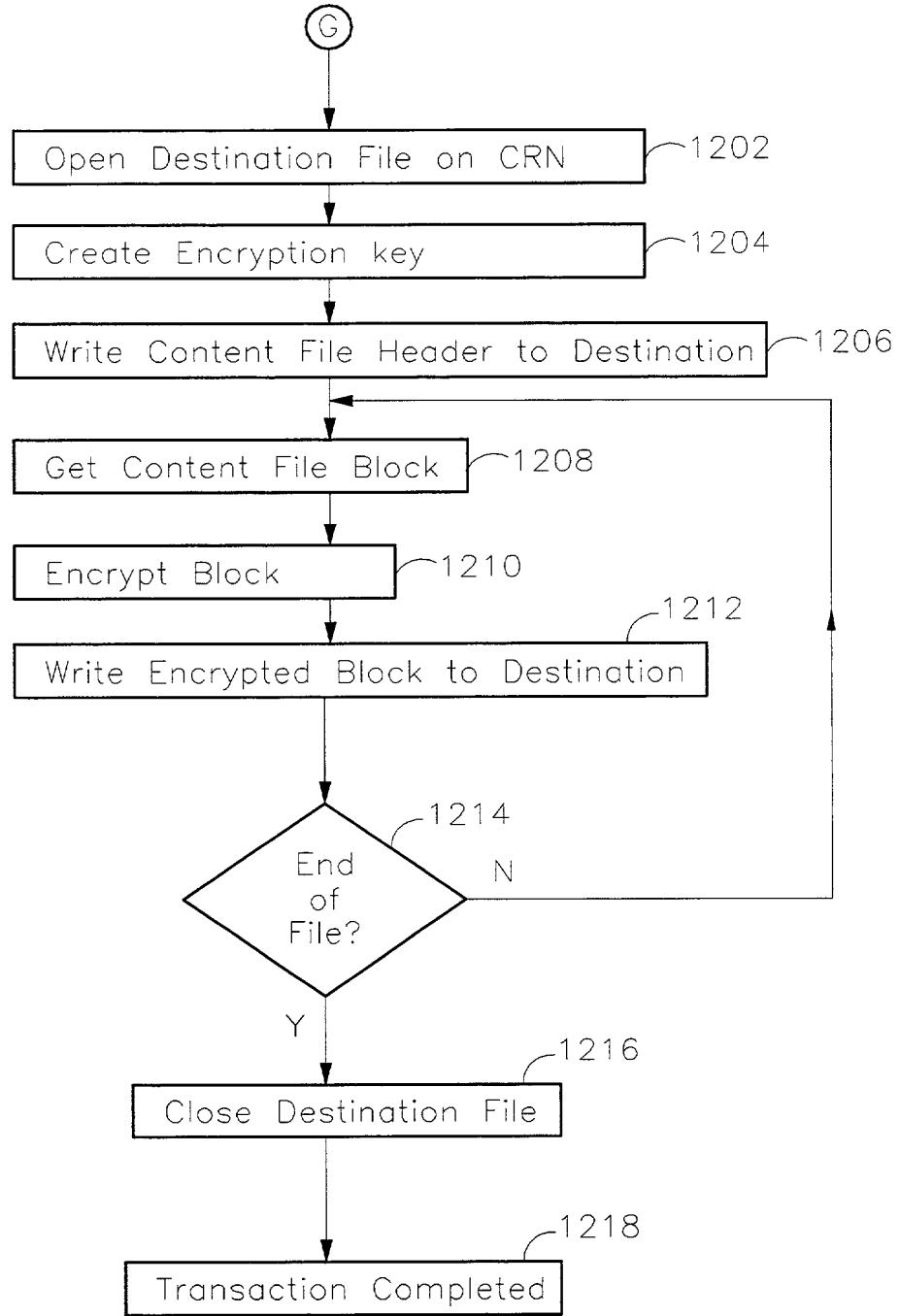


FIG. 12

1300

MAP FILE
map.content.version
map.CPN.node.address.pathname.quality.level 1
map.CPN.node.address.pathname.quality.level 2
map.CPN.node.address.pathname.quality.level 3
.
map.CPN.node.address.pathname.quality.level N

FIG. 13

1400

CONTENT FILE HEADER
content.version
content.title
content.artist
content.copyright
content.date.recording
content.size
content.listen.begin
content.listen.duration
content.ID.code.type
content.ID.code.number
content.watermark.tech
content.legal.duration
content.file.number
content.usage.counter
content.CPN.node.address
content.generation.number
content.date.start.validity
content.date.stop.validity
content.encrypt.tech
content.encrypt.key
content.listen.price
content.listen.currency
content.copy.price
content.copy.currency
content.home.copy.price
content.home.copy.currency

FIG. 14

1500

REQUEST
request.map.pathname
request.access.mode
request.sound.quality
request.content.price
request.content.currency
request.CRN.node.address
request.CRN.username
request.CRN.password
request.CPN.node.address
request.CPN.product.name
request.CPN.product.number
request.CRN.node.address.transaction.number

FIG. 15

1600

PERMIT
map.content.version
map.CPN.node.address.pathname.quality.level 1
map.CPN.node.address.pathname.quality.level 2
map.CPN.node.address.pathname.quality.level 3
. . .
map.node.address.pathname.quality.level N
request.content.price
request.content.currency
permit.CPN.node.address
permit.AN.date.time

FIG. 16

1700 ↘

START REPORT
request.CRN.node.address.transaction.number
request.CRN.node.address
request.CRN.username
request.CRN.password
request.access.mode
start.report.date.time
content.title
content.artist
content.copyright
content.legal.duration
content.ID.code.type
content.ID.code.number
content.CPN.node.address
content.file.number
start.report.CRN.encrypt.key
request.content.price
request.content.currency
request.sound.quality
permit.map.CPN.node.address.pathname.quality.level[x]
start.report.CRN.timezone
start.report.CRN.language
start.report.CRN.keyboard

FIG. 17

1800 ↗

SUMMARY REPORT
request.CRN.node.address.transaction.number
request.CRN.node.address
request.CRN.username
request.CRN.password
content.ID.code.type
content.ID.code.number

FIG. 18

1900 ↗

ACCESS REPORT
content.title
content.artist
content.copyright
content.legal.duration
content.ID.code.type
content.ID.code.number
content.CPN.node.address
content.file.number
access.territory.rightowners
content.price
content.currency
request.CRN.node.address.transaction.number

FIG. 19

2000 ↗

DEBIT REPORT
content.ID.code.type
content.ID.code.number
content.CPN.node.address
request.CPN.product.name
request.CPN.product.number
debit.date.time
request.CRN.username
request.CRN.password
request.content.price
request.content.currency
request.CRN.node.address.transaction.number

FIG. 20